



07 Feb 1940

## The Missouri Miner, February 14, 1940

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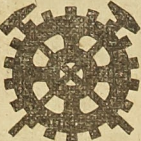
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# THE MISSOURI MINER

Missouri School of  Mines & Metallurgy

Z 385

VOL. 26—

ROLLA, MISSOURI, Wednesday, February 14, 1940

NUMBER 20

## Board of Officers Interviews Seniors

A board of officers of the Regular Army visited the Missouri School of Mines Tuesday, February 13, 1940, for the purpose of examining and interviewing certain R. O. T. C. Seniors for commission as second lieutenants in the Regular Army.

The following students have been authorized to appear before the Board: T. R. Alford, J. M. Coon, W. P. Leber, R. N. Lorange, and L. M. Payne.

At 11:00 A. M. the candidates were given a physical examination at the Missouri School of Mines Infirmary by the Medical Officer of the Board.

The Board is visiting 20 colleges and universities in the states of Arkansas, Missouri, Iowa, Minnesota, North Dakota, South Dakota, Nebraska and Kansas, for the purpose of examining about 75 candidates. Selection of approximately 10 per cent of this number for appointment will be based upon scholastic excellence, military adaptability, campus leadership, physical qualification and personal qualities.

## Roosevelt Gains With Collegians

Student opinion surveys, made by the Student Opinion Surveys of America in a scientific cross section of collegians, show that President Roosevelt has picked more than ten percentage points on his third term popularity during the last year. Third term supporters, both among college students and the rank and file, are still in the minority, however.

Following is a record of surveys made since December, 1938, in which collegians were asked, "Would you like to see Roosevelt run for a third term?"

	Yes	No
December, 1938	27.2	72.8
January, 1939	28.2	71.8
November, 1939	31.8	68.2
Now	39.5	60.5

This series of studies reveals a close resemblance to a similar index kept by the Gallup poll. Although general opinion has always outstripped student sentiment, 46 per cent of the voters wanted a third term, the increases have been almost in the same proportions.

Many students, although approving of Roosevelt as president, are against another four-year term. This opinion was typified in the current term because he would set a precedent for men who might be less scrupulous than he is, although I am in favor of him and his policies."

### Important Meeting

There will be an important meeting held in Parker Hall Monday evening at 4:15 for all football, basketball, tennis, track, and golf players. Please attend! This is not for lettermen only, but for all interested in trying out for these sports.

## Dr. Horace T. Mann Dies After Brief Illness

Dr. Horace Tharp Mann '08, Professor of Petroleum Engineering, died of heart disease at his home in Rolla on Feb. 8. He had been in ill health for some time but was stricken seriously on Feb. 3.

Funeral services were held Saturday afternoon in Parker Hall with Rev. H. P. Hunter officiating. Members of Dr. Mann's classes attended in a body, as did members of Pi Kappa Alpha fraternity and the Rolla Lodge of Masons. Interment was made in the Rolla Cemetery.

Dr. Mann, who was on the faculty of the School of Mines from 1908 to 1920, returned to Rolla last fall from the Massachusetts Institute of Technology, Boston, where he was Professor of Petroleum Engineering, to become a member of the Petroleum Engineering department at MSM.

Born at Gallatin, Mo., October 10, 1881, Dr. Mann early in life, moved with his parents to Canon City, Colo., where he was graduated from high school. He returned to Missouri and enrolled in the School of Mines from which he graduated in Mining engineering in 1908. He received his master's degree in 1909 and the professional engineering degree in 1910. Appointed to the faculty on graduation he served in charge of the department of metallurgy from 1914 to 1920, and was secretary of the faculty from 1918 to 1920.

Following professional work in the west and further teaching at the Montana School of Mines, he entered the Graduate School of the Massachusetts Institute of

Technology and received the degree of Doctor of Science there in 1924. He remained at MIT until his return last fall.

Dr. Mann was recognized as one of the outstanding authorities in his field. He was active in various phases of educational work in the American Institute of Mining and Metallurgical Engineers, in which organization he has held various offices. At the time of his death he was faculty advisor of the MSM student section of the A. I. M. E. He was a charter member of the Missouri Beta Chapter of Tau Beta Pi honorary engineering fraternity. He was also a member of Pi Kappa Alpha fraternity.

Those who had classes under Dr. Mann marvelled at the vast storehouse of knowledge he possessed about the mineral industries. He was proud of the immense amount of material he had gathered during his long association with the mining and petroleum industries. His lectures were made exceedingly interesting and instructive by the many illustrations he gave from his own knowledge and experience. To say that he will be missed is superfluous—a professor such as he was cannot be replaced.

## CAA Passes First 100 Hours

Despite the handicap of unfavorable weather during the first two months of C. A. A. flying here, totals of eleven solo flights and more than a hundred air hours have been piled up by the twenty seniors now flying. Dr. Miles, of the Mechanical Department said last week. Planes were grounded during only four out of the last thirty days, he said.

Leading both groups in number of hours, are Dawson Pinney and Dick Followill, who are now more than half way through the course. Both were among the first to solo. Others of the first group who have made solo flights are Norman and Armin Tucker, Clyde Cowan, Herman Andresen, Bob Smith, and Elmer Trautwein. Of the second section, which began flying nearly a month after the first group, George Chedsey, Paul Ross, and Vernon Rieke have soloed. The third group, owing to the fact that their instructor is unable to take C. A. A. re-rating tests until the weather becomes suitable, has not yet begun flight training.

### —SENIORS—

The Registrar's Office wishes to have for their permanent records photographs of all seniors graduating this year. Seniors should within the next week call at the office where their picture will be taken. Those who wish to do so may use these pictures as application photographs at a price of four cents per copy. It will cost the students nothing to have the picture taken but if he wishes copies for his own use they will be finished at the above figure.

NOEL HUBBARD,  
Assistant Registrar &  
Student Advisor.

## Blue Key Initiates Four Juniors

Four juniors were formally initiated as members of the Blue Key fraternity last Wed. when the campus chapter of Blue Key held its monthly luncheon at the Episcopal Church Parish House. The initiates were: Bill Alsmeyer, Charles Ellett, Armin Fick, and Chris Wattenbarger.

An informal initiation and subsequent banquet will be held for all new members of Blue Key sometime this spring, at which time about ten more juniors will be selected for membership. The fraternity picks its members from the junior class, and selects those which it considers outstanding in activities, scholarship, character, and leadership.

## Travels to Be Subject Of Lecturer

Fred Schuler to Describe Experiences in Europe and Africa

Something new and different in the General Lectures Series will be presented on Friday evening, Feb. 16, when Fred Schuler, young St. Louis lawyer, tells of his year of travels in Europe and North Africa at a total cost of only \$650.

Mr. Schuler, who is at present a member of the Editorial Board of the St. Louis Star-Times, graduated from the Washington University School of Law in June, 1938. After he passed the State bar examination, he decided he wanted to see Europe. He left in July, expecting to spend four months abroad but when he found that his money went so far he stayed on. He hitch-hiked, traveled mostly by bicycle and third class on boat trips.

In his year of travel, Mr. Schuler covered thousands of miles in 15 countries. Youth hostels, at which he paid 2 to 23 cents for a night's lodging helped him to travel cheaply. Most of his expenses were in the first three months when he traveled by train, bought a bicycle, and ate in restaurants. When he started hosteling his expenses dropped to 40 cents a day in the Balkans and about 70 cents a day when he traveled. In Greece he spent more on postage stamps to write home than for food.

He was in Paris during the September crisis of 1938. The streets were deserted and he was certain, with other Americans, that war had come. Americans who had lived in Paris assured them, however, that there had been other crises without war. When it didn't come, Schuler felt a little let down.

His chief regret was that he bought a round-trip ticket from U. S. to Scotland. He thinks it might have been cheaper to go on around the world than to return to New York.

## Miners to Play For Finnish Relief

Coach Gill announces that the Miners will meet Warrensburg Teachers Saturday, February 24, in a charity game, proceeds will be donated to the Finnish relief fund.

The Blue Key will have charge of the ticket sales, and will have them on sale this week. Miners will be admitted on their activity tickets, but there will be a box in the Gym for contributions.





## What! When! Where!

Wednesday, February 14

Student Council	7:00 p. m.	Club Room
A. I. M. E.	7:00 p. m.	Geol. Lect. Room
A. I. Ch. E.	7:30 p. m.	Chem. Lect. Room

Thursday, February 15

Theta Tau	7:00 p. m.	Club Room
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Friday, February 16

Mass Meeting	11:00 a. m.	Auditorium
"The Camera in Industry" by H. H. Warple, Editor of Monsanto Magazine.		

General Lecture	8:00 p. m.	Auditorium
Fred Schuler, Traveler.		

Kappa Alpha Dance.

Saturday, February 17

Spring Term Tangle	7:00 p. m.	Gym
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Tuesday, February 20

"M" Club Meeting	7:00 p. m.	Club Room
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## THE MISSOURI MINER



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## From the DIRECTOR'S OFFICE

by  
DR. W. R. CHEDSEY

Certain social reformers have referred to men working in production lines as "Just a cog in a machine." One of them replied and his reply is worth the thoughtful consideration of everybody:

"Just a cog in a machine, replaceable at a moment's notice."

"I am a shift worker in a huge industrial plant, and this is the way a famous writer has defined my position in life. The definition is correct, yet I take great pride in my job, because small as it is, it is vital to a great business—the business of life and progress.

For eight hours each day I am the human cog responsible for the operation of a number of pumps, motors and machines. They must be kept running to supply water to a rayon mill, which gives employment to more than a thousand other human human cogs, including the resident plant manager and the president of the company in a Park Avenue office a thousand miles away. Each of us performs a job that is necessary in the operation of this one plant, which itself is merely a cog in the rayon industry of the country. In turn, the entire rayon industry is just a cog in the country's industry as a whole. And industry, like agriculture and government, is only a cog in the machine that is American democracy.

So I accept the famous writer's definition. I am a cog in a machine—but that doesn't mean for a moment that I can't be a definite individual as well. True, I work with clocklike regularity at a routine task for forty hours each week, but I have a hundred and twenty-eight hours in which to satisfy my human needs and desires. The radio, movies, sports, books, and magazines, hobbies, the church and politics—all of these and many more outlets for my interests as an individual.

As a cog in a machine, I have distinguished company. It includes Henry Ford, Owen D. Young, the Du Ponts and countless other important men. And in other machines there are other human cogs carrying on the duties of President, governor, senator and judge; even the scientist, the philosopher and the artist are cogs in their special machines. As in my case, each of these can be replaced. If he could not be, then the machine would be crippled, progress would stop and democracy perish.

(To be finished next week.)

The first man to send photographs by wire is now a Stevens Institute of Technology faculty member.

Beaver College students have a "vagabonding" system that allows them to audit any lecture given in the college.

Long Island University is the first and only U. S. institution authorized to give a Doctor of Podiatry degree.

The art of relaxation will be taught in a special course at Columbia University teachers college this spring.

Fairmont State Teachers College is the oldest teacher training institute south of the Mason-Dixon Line.

## Bird's Eye View Of Military Ball

Toddling up to Ye Royal S. A. M. E.'s Military Ball last Saturday what should I find but snow on the ground and snow in the air. So to fit the occasion, I rambled home and changed to my snow suit, but the doorman didn't appreciate my efforts. He said, "Monkey suit, tails, stiff shirt or else you shall not pass." Well this sort of floored me when I had changed just for the weather, but I'd heard they were screwy anyway so I frolicked on home again to strap on the stiff shirt and accessories. When I got back, after having a few pauses—that refreshed me considerably—I finally got in. That is, I got to the check room where someone lut me on the head, unwrapped me from my coat, hat and contents, and rattled a very empty box in front of me. However, I was not to be daunted, so up the stairs I staggered, (I mean swaggered) and so made my entrance to this, the ball of balls.

Really the shock of such a magnificent spectacle dazed me a little at first. The sight of gorgeous blondes, marvelous blondes, and just plain blondes took my breath away. But to make this very impartial there were others on the floor too. Then slightly recovering from my initial overpowering I opened my ears. I mean I heard the music—my ears were open all the time. Soft, sweet, hot, breezy jazz started me shagging. Now this may sound queer but just watch people sometime and see if they don't "ripple out" before they "hop to it." Well, being "in the mood" I looked for a blonde (understand I'm in no way partial to blondes, but a nice blonde is mighty potent. E'a Weber?) I guess I can dispense with telling you about my "turkey trucking" and get on to the coronation or capping.

About 11:30 someone blew a horn and asked everyone to step to the side of the room. Being unattached, as my feet hurt already, I clambered up to the crows nest to completely cover this mighty spectacle. Peeking down through crepe (crepe paper)—hence the title "a bird's eye view," I surveyed the situation. At the south end of the gym stood two ton Tony—pardon, two ton Charlie Armstead—barking into a mike. Above him a spot light pierced the darkness to illuminate the band. But Charlie promptly turned the announcing over to Bill Anderson and the show began.

Miss Ladonna Kershner, the retiring Honorary Cadet Colonel, opened the parade. Well, polished sabers clanked and the pretty maids blushed and strutted. Then with a trumpet flare and a burst of light the new Honorary Cadet Colonel appeared in the doorway. For a moment all was still, then a burst of applause broke out and Miss Dorothy Broemmelsick on the arm of Phil Leber slowly moved up the floor. Upon reaching the platform, our gallant hero Phil Leber bestowed Miss B. with the full commission of Honorary Cadet Colonel. Then turning around Miss B. was capped and caped (see picture in January 31, MINER) by the retiring Honorary Cadet Colonel, Miss Ladonna Kershner.

Clackty clack. In dashed Fred Finley—without a horse. Close on his heels were ten Detonators. Tweet tweet, bang bang, click click went the maneuvers. Swish and the boys were in the Queen Anns Calute. Applause from the multitude. Fox and Zagata dash

## Glimpses of M. S. M. History

By Neil Stueck

This is the first of a series of articles taken from excerpts of the "History of Missouri School of Mines" By Dr. Clair V. and Bonita H. Mann. This momentous history is the result of ever ten years of research and work on the history of Missouri School of Mines, and it is with pride that we present some of the events occurring in our 69 years of existence.

### THE HISTORY OF THE FLAG POLE

Up to the year 1917 the campus of M. S. M. was bare of any flagpole of significant size. However, the stirring of patriotic fever by the World War brought widespread comment on the lack of a flag on the campus and the MINER of March 23, 1917 opened the campaign for a new flagpole. Quickly the movement gained speed and at an open mass meeting Dr. McRae, who was director at the time, turned the matter over to the Student Council. The Student Council accepted, and called for volunteers to raise and lower the flag. There was immediate response from the student body and even among the faculty.

On April 6, 1917 the MINER appealed for contributions toward the \$350 needed for the flagpole, and stated that anyone contributing more than one dollar would have their name inscribed at the base. By October the necessary funds were raised and the MINER carried the following notice.

### "Flag Pole Here"

"The flag pole has arrived, and its foundation is already built. The pole is of steel, and is made up of six seventeen-foot sections. It is 102 feet long, and when erected will stand above ground to the height of 94 feet. The pole is to be white enameled."

"The concrete foundation is 6x6x6 feet, with a 2x2x2 foot block below the foundation. If possible, the pole will be erected and the flag raising staged on Wednesday (October 24, 1917). The Student Council will have charge of the ceremony."

However, the pole was not completed until early in November. The first use of the pole was Thursday, November 8, 1917 when the Stars and Stripes were formally raised before the assembled student body. On November 9, 1917 the MINER carried this description of the ceremony.

### "Flag Raising"

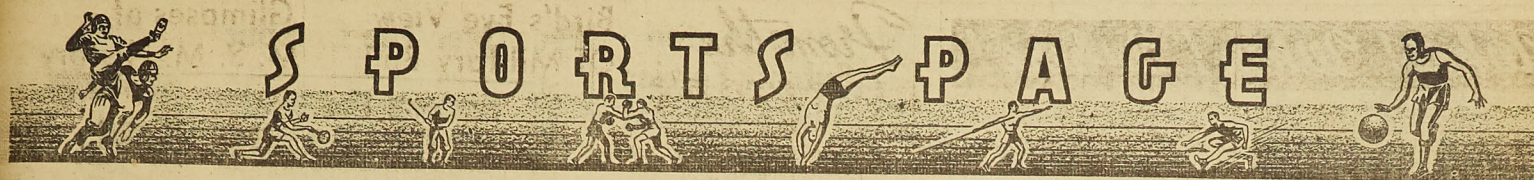
"With the M. S. M. Battalion at attention, at three thirty Thurs., afternoon the 20-foot Flag presented to the school by the Class of 1918 was formally raised on our new flag pole. With the field music playing, and Old Glory waving high above the tallest building in Rolla, the several hundred spectators felt a thrill which only patriotism can cause."

In this manner the flag pole on the campus became a reality, and may it ever serve as a tribute to those who worked to erect it.

up front. One, two, three, four—a two man exhibition, Zagata counting. They're stupendous. More and more applause. F. F. steps out and orders post. The Detonators are deployed from the floor.

Wham! Buggy Paleface hit a chord, and the floor is again surging with humanity. The next stop is intermission and my kind bottle. Somehow I don't remember any more except I got somebody's muffer and somebody got my gloves, but I got the best of the deal so I'll sign off.

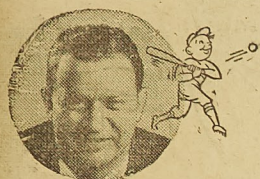




Wednesday, February 14, 1940

THE MISSOURI MINER

Page Three



## The Nation's SPORTS PARADE

By  
FRANCE LAUX

Special to the MISSOURI MINER

A glance at our many new calendars reveals that in less than a month a majority of the major league baseball clubs will be journeying southward—or westward, which ever the case might be—to begin preparations for their respective 1940 campaigns! And as we sit back and dream of what there is to come in the way of diamond activities for this locality in '40, we wonder how fans are going to take major league baseball, as played under the lights at Sportsman's Park.

I can think of a dozen attractions which might lure fans from neighboring cities to Sportsman's Park, to watch big league baseball played under the arcs, yet I am wondering if they'll pan out. Few people in this section have seen the major league boys perform under the lights and so, for a time, regardless of whether they are winning or losing, the fans are due to clamor for seats to watch both the Cardinals and the Browns play after dark. Then, when the fad wears off, and should both teams—especially the Browns—fail to live up to expectations by winning more than their share of games, I wonder if the fans will still come and plunk their "dollar-twelve" on the box office window sills.

Let's look back and take into consideration the fact that Mr. and Mrs. Average Baseball Fan cannot attend week-day games because of their jobs and household duties. This leads us to believe night baseball at Sportsman's Park will boost the attendance records of both clubs. And the fact that a losing club never attracts much more than dyed-in-the-wool fans, and relatives and friends of the ball players, leads many to believe the venture will prove to be a "money maker" for the Browns, even more than for the "Red Birds."

This should be a banner year for the Cards, and they'll no doubt be heavier favorites to cop the National League Flag this year, than the Reds were as we led off in 1939. Right? Then the Cardinals are due to fiddle while the Browns dance.

This one factor has delayed

setting up a lighting plant at Sportsman's Park for the last three years. The Cards did not believe it their responsibility to pitch in and help the Browns boost their attendance.

Whichever way the wind blows at night during the summer months ahead, it will be interesting to watch attendance figures. They say—or maybe it was Confucius: "Fans flock to support a winner, regardless of time and place—usually." This didn't quite hold true last year as the Cards battled for the pennant right up to the last week of the campaign. Maybe the lights will solve the problem.

### Live and Learn Dept.

You learn to live, and live to learn, and we've found that to be true many times. If you feel the same way about it, did you know that two rookie shortstops in the American League this season boast of Indian blood? They are Bobby Neighbors of the St. Louis Browns and Hal Quick of the Washington Senators. . . . That the late John McGraw is credited with having introduced baseball to both Europe and the Orient. . . . That when Coach Herbert Baker of Bureau Township, Ill., High School calls for Johnson, practically his whole team responds. Six of the lads on his baseball team are named Johnson. . . . That Johnny Lucadello, San Antonio second baseman who will be tried out by the Browns this spring, did a lot of things to get his name in the Texas League headlines last summer. He was tied for first place with 188 base hits; led the second basemen with 935 chances, 485 put-outs and 447 assists; topped his rivals by taking part in 81 double plays, and twice made four hits in four times at bat, to say nothing of accepting nine or more chances twenty times? . . . And that until we come inking along our way, down toward your way next week, it's just so long to all good sports?

France Laux Sports Review is broadcast nightly, Monday thru Saturday over KMOX, at 10:15 p. m. France Laux also participates in "Sports Quizz" on KMOX every Tuesday at 8:30 p. m.

## Prof. H. R. Hanley Attends AIMME

Professor H. R. Hanley of the Metallurgy Department is attending the meeting of the American Institute of Mining and Metallurgical Engineers being held this week in New York.

Professor Hanley, who is chairman of the section on Reduction and Refining of Lead and Zinc, has supervised the preparation of a number of papers on the subject. He plans to return this weekend.

## Bridge Tourney Is Planned

The Inter-Fraternity Council voted to have a bridge tournament at their meeting held Tuesday, February 6.

To stimulate interest in the contest a trophy will be awarded to the winner.

The Council also discussed their dance which is to be given during St. Pat's.

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## Miners Lose To Washington

In a rough and tumble hard fought battle the Rolla Miners lost to the Washington Bears 39 to 24 in one of the poorest refereed games ever seen on this floor. The Miners slowly pulled into the lead until at the half they led 19 to 14. Soon after a general muddle of misplays and a capitalization by the Bears set them so far in the lead that they were safely out of danger. The referees either had spots before their eyes or else it was the blond in the corner as they conveniently saw little of the elbowing, kneeing and slugging that went on, on both sides of the fray. Injuries were frequent. Goldberg and Herb Kamper had to be withdrawn because of the injuries sustained. Little actual basketball was shown in the melee.

The game started slowly with Washington adding point after point from short shots until Herb Kamper broke the ice with a one handed fling. Watts and Bruce started flipping long ones and short ones piling up 19 points to the Bears 14 at the gun at the half.

The play was comparatively tame the first half as compared to the second, with Washington however the upper hand as Lee and Calloway got a corner on the basket. In 2 minutes they had overhauled the Miners and went on to victory totalling 39 points to the Miners 24 at the final gun.

Floyd Watts, Miner star, was the hero of the game giving his all emerging high point man with 13 points. Lee, Washington center and Calloway tied for second honors with 11 apiece.

## DANCE DATES

Fri., Feb. 16—Kappa Alpha  
Sat., Feb. 17—St. Pats Board  
Wed., Feb. 21—Freshmen  
Sat., Apr. 13—St. Pats Board  
Fri., Apr. 19—Pi Kappa Alpha  
Sat., Apr. 20—Alpha Lambda Tau  
Fri., Apr. 26—Kappa Sigma  
Sat., Apr. 27—Kappa Alpha  
Fri., May 3—Tau Beta Pi  
Sat., May 4—Theta Tau  
Fri., May 10—Sigma Nu  
Sat., May 11—Theta Kappa Phi  
Sat., May 18—Sigma Pi  
Sat., May 25—Triangle

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## INTRAMURAL Sports

By C. Stevens

Kind led the A. L. T. five through to a 25 to 5 victory over the Kappa Sigs last Monday night, February 5. Kind looped eight points through the ring to lead both teams for high scoring. Newman, Kappa Sig, laid three points away to lead the Kappa Sig point makers.

The Frosh added up eight points against the Triangles' six Tuesday night. Neustaetter counted four points for the Frosh, while Ledenberger and Blauvelt scored two each for the Triangles.

The Pi K. A. five defeated the Sophs Tuesday night 23 to 13. Bishop hit the basket for ten points, carrying off honors for both teams. Ed Kromka and Nevins scored six ann five points respectively for the Sophs.

MacMurray led the Lambda Chi Lads to a seventeen to sixteen victory over the Theta Kaps (Wednesday night, February 7. MacMurray chalked up eight points for the boys from across the tracks, and Haas hit eight for the Theta Kaps.

Pingle piloted the Juniors to a 34-26 victory over the K. A. five last Wednesday night. Pingle scored seventeen points for the three year men, giving him the honors for high point man of the evening. Topper counted eleven points for the K. A.'s.

The Sigma Pi's received a forfeit from the Triangles Wednesday.

The Theta Kap five lost to the A. L. T. team last week by a margin of four points, final score 27

## DANIEL BOONE

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to 23. The Theta Kaps were successful in placing Hass for high point man, with a total of 17 points. Niedling hit eleven times for the A. A. T.'s.

The Juniors piled up 46 points to the Kappa Sig's 25 last Thursday night for their second victory of the week. Grady poured 16 points through the basket for the Kappa Sigmias, giving him high point honors for the game. Rogers scored eleven points for the three year boys, and Nevins and Pingle chalked up ten each.

The Pi K. A. five overpowered the Lambda Chi's with an 18 to 14 final score. MacMurray topped the high point list with eleven points to his credit, while Lies chalked up seven points for the Bishop Street players.

## Rollamo Theatre

Always First With the Best

Fri. and Sat. Feb. 16 and 17



Owl Show Saturday Feb. 17

11 P. M.

Adm. 10c TO ALL



Sun. and Mon. Feb. 18 and 19



Tuesday Feb. 20—Matinee & Nite



Wed. and Thurs. Feb. 21 & 22

Double Feature Program



1st Show starts 7—Adm. 10-36c

Coming Fri. Feb. 23

—One Night Only

Return Engagement of

"ALL QUIET ON THE

WESTERN FRONT"

Shows 7 & 9—Adm. 10 & 25c



## DUG from the EXCHANGES

By Ken Vaughan

Two new courses, Petroleum Geology and Seminar, Petroleum Geology, are being offered in the Department of Geology. Dr. De Golyer, a prominent Texas geologist, will teach the subjects.

—The Daily Texan.

A \$25,000 trust fund to provide graduate fellowships in electrical engineering has been set up by the Westinghouse Electric and Manufacturing Company. The fellowships will be a memorial to Dr. Charles Legeyt Fortescue, whose discoveries greatly advanced the electric power industry.

Any student in electrical engineering who has received a bachelor's degree from an accredited college is eligible, provided he does not already hold other fellowships exceeding the tuition required by the college where he takes his graduate work. Professor D. F. Minter of the Carnegie Institute of Technology in Pittsburgh, Pa., is secretary of the Fellowship Committee of the American Institute of Electrical Engineers, which will select the candidates annually.

—The Daily Texan.

Neophyte: There is a girl without.

House Pres: Without what?

Neophyte: Without food and clothing.

House Pres: Feed her and bring here in.

Rollaette: There is always something around me that keeps me from drinking much, dear.

Freshman: Your conscience?

Rollaette: No, sonny, my girdle.

The College of Engineering's "grand old man", Dean T. U. Taylor, was given honorary membership in the American Society of Civil Engineers, the highest honor that organization can confer. He was the first Texan to receive the award. Also awarded an honorary membership in January was Henry S. Jacoby, of Washington, professor emeritus at Cornell, who conferred Dean Taylor's degree on him when he was graduated from Cornell.

—The Daily Texan.

The primary sin of the Executive Cabinet for the next semester will be the complete abolition of cheating among students, according to the president of the Student Cabinet, who says: "The only way cheating will ever be done away with is by concerted student opinion against it. We hope to create that opinion." —Alabama Polytechnic Institute "Auburn Plainsman."

If a person's fingerprints are on file in the Offices of the Department of Justice, he can be identified in about three seconds flat.

A non-credit course in horseback riding for Auburn coeds will again be offered this year by the Military Department in conjunction with the Auburn Polo and Riding Club according to Captain Johnson. —Alabama Polytechnic Institute "Auburn Plainsman."

## You Know Them Too

By JANE HALL

One of our outstanding athletes for the past three and a half years is Harley Ladd, who hails from Thayer, Missouri.

Harley believes that two of the biggest moments of his life were occasions on which he received honors as an outstanding athlete, one being his election as captain of the 1939 football team, and the other his selection as halfback for the MIAA all conference football team. "H", as he is popularly known, says that if he didn't get exercise, he couldn't live. So naturally, we find him again in the spring of the year taking track honors in the dashes, relays, high jump, shotput, and javelin throw.

A liking for the out-of-doors and a demand for exercise led Harley to choose a civil engineering career. He will be glad to get out of school and into the world, he says, because he finds more fun in working than in studying. Furthermore, being broke. While his big ambition after graduation is to become a millionaire, Ladd admits he would settle for a position that would afford him a comfortable living. But for the present, he says, "Skip and I are looking forward to the senior trip."

Besides lettering in football for four years and in track for three years, "H" is Vice-President of the M Club, a member of the American Society of Civil Engineers, belongs to the Engineers Club. He recommends for his fellowstudents more extra curricular activity and not so much study. Also, he is a firm believer in increased social life on the campus.

In his spare time, Ladd likes to tinker or get into "bull sessions", the favorite topic for discussion being "Wine, Women, and Song." He tells us that he is partial to brunettes, but blonds will do in a pinch.

"H" is liked by the boys for his friendly and sincere manners. He is known for his sunny disposition and encouraging spirit. Harley Ladd is just one of the boys, but one who will be long remembered.

Prof. F. W. Went of the California Institute of Technology addressed a public meeting of Sigma Xi on "Important Advances Made in the Application of Hormones to the Regulation of Plant Growth." According to members of the Society, work on plant hormones can be cited as one of the outstanding examples of the importance of scientific research for the solution of practical problems. Through application of plant hormones, the development of a plant comes under strict human control and in the near future will lead to "Plant Engineering." —Lehigh University Brown and White.

Dr. Maurice Ewing, assistant professor of Physics, has left on a geological exploratory cruise. The expedition will stay at sea for three weeks before going to Jacksonville, Fla., where a boat will be chartered and attempts will be made to photograph the ocean bottom with a new type of camera.

The expedition has a three fold purpose. The thickness of the ocean bottom will be recorded, attempts will be made to photograph the ocean bottom, and measurements of current will be made. —Lehigh University Brown and White.

## Students Invited To Submit Entries For Photo Contest

Photography for arts sake—and human interest, too!

Those are the chief requirements for the pictures that all students of Missouri School of Mines are invited to submit for the third annual College Digest Salon Edition competition, rules for which were announced by the editors of the national college newspaper section.

This amateur photo contest is conducted each year to select the prize-winning photos to be featured in the annual Salon Edition—an edition that is a special "showing" of the best work done by collegiate photographers during the year.

This special edition demonstrates the great progress made by student and faculty shutter-snappers, and rewards the winners with cash prizes, the publication of their photos, and participation in a traveling photo salon that is exhibited at leading college art centers in all section of the U. S.

This largest and most widely known of all college camera contests is open to both students and faculty members. Although the experienced amateur is aided by the use of special equipment, ordinary cameras very often take the prize-winning pictures, as previous Salon Edition contests have proven. It's the picture—not the equipment—that counts, and both experienced and inexperienced photographers may participate in the contest.

Here are the complete rules for the competition:

1. All material must be sent not later than April 1, to: Salon Editor, Collegiate Digest Section, 323 Fawkes Building, Minneapolis, Minnesota.

2. Send technical data about each photo submitted. Give college year or faculty standing of the photographer. Information about the subject of the photo will be helpful. Any size of photo is acceptable, but pictures larger than 3 by 5 inches are preferred.

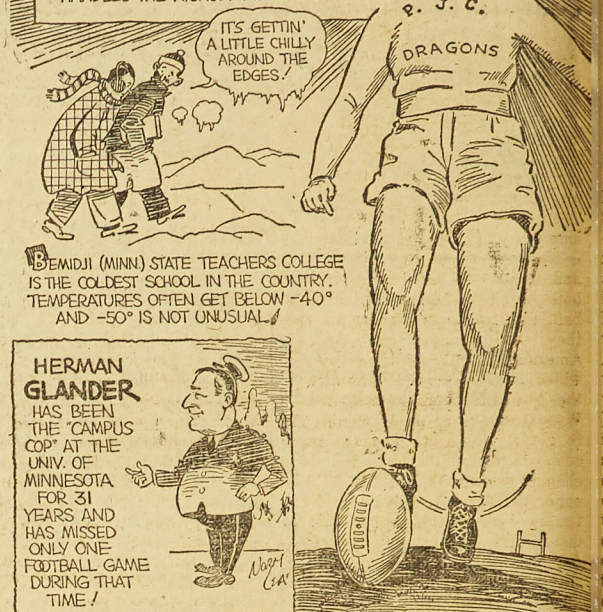
3. Enter your photo in one of the following divisions: (a) still life; (b) scenes; (c) action and candid photos; (d) portraits; (e) "college life."

4. First place winners in each division will receive a cash award of \$5; second and third place winners \$3 and \$2.

## Eyes Over The Campus

### FEMININE FOOTBALLER

JUANITA McCURRY OF PARIS (TEXAS) JUNIOR COLLEGE ACTUALLY PLAYS WITH THE COLLEGE FOOTBALL TEAM. SHE SPECIALIZES IN PLACEKICKING AND IS USED FOR CONVERTING EXTRA POINTS, FOR FIELD GOAL KICKING, AND AT TIMES HANDLES THE KICKOFF ASSIGNMENT.



DEWDJI (MINN.) STATE TEACHERS COLLEGE IS THE COLDEST SCHOOL IN THE COUNTRY. TEMPERATURES OFTEN GET BELOW -40° AND -50° IS NOT UNUSUAL.

### HERMAN GLANDER

HAS BEEN THE 'CAMPUS COP' AT THE UNIV. OF MINNESOTA FOR 31 YEARS AND HAS MISSED ONLY ONE FOOTBALL GAME DURING THAT TIME!

## Theta Kappa Phi Holds Formal

Theta Kappa Phi fraternity held its initiation formal last Saturday. Many of the alumni returned for this affair; they were James and Charley Murphy, Jack Priesmeyer, Paul Etzkorn, Walter Sheer, Edward Hackett, John McLaughlin, Gus Schaller, Walter Koziatke, William Mu-

5. There is no entry fee, and each individual may submit as many photos as he wishes. Photos will be returned if postage accompanies entries.

ney, and Ralph Nuelle. The Varsity orchestra furnished the music. During intermission the members of the fraternity served lunch at the home of Mr. and Mrs. O. I. Rauch.

### Welch Addresses ASM

Mr. P. K. Welch, technical supervisor for the St. Louis division of Leeds and Northrup Co., gave a very comprehensive discussion of "Temperature Measurement" at the meeting of American Society for Metals last Wednesday. He discussed the construction and use of the several kinds of pyrometers in commercial use today.

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52 Years at 8th & Pine

Books and Supplies for the New Semester  
5% off on all cash orders for books

### Eighteen Pairs of Brothers Are Now Attending School of Mines

By Charles Zanzie

This is the second of a series of three features reviewing the brothers enrolled at MSM.

Jim and Jack Nevin, twins from Woodstock, Illinois, entered the School of Mines last year, signing up in the Chemical and Metallurgy departments, respectively. Their father, now a civil engineer employed by the state of Illinois is a graduate of this school. Jim and Jack get along pretty well, both liking such sports as basketball, football and softball. In 1938 they each received one of the American Legion honorary awards which are presented annually to the two outstanding scholars of Woodstock high. Jack would like to get a job as a metallurgist somewhere in Chicago. Jim likes chemistry quite a bit, but will let opportunity be a determining factor in selecting a job. Few can distinguish one of them from the other, and it has been suspected that occasionally one leaves his classes in the other's care for a while and takes a vacation. There are advantages to having a twin brother.

Last year serious-minded Kent Martin was the newest addition to the School of Mines from Lamar, and this year we have congenial brother, Gene. Both brothers have been active in campus activities. Kent is on the Miner board, is a member of the rifle club, was given a Phi Kappa Phi book plate award for scholastic standing, and works with the Rollamo staff. Gene writes "This Scientific World" for the Miner and plays a trumpet in the M. S. M. Band. The two boys get along royally except for the fact that Gene, Kent says, is a somnambulist, a rather unsettled sleeper, and in general, a deuce of a bed partner.

Bob Summers and his younger brother Alan are two of the most notorious boys in school. In the short time that they have been here, the two have collected enough grade-points to graduate every senior that is on probation, and still have enough left to get by themselves. Each of them has quite a future, pros say. And a past too. Before entrance in the School of Mines they both graduated from a business college and worked as secretaries for several years. Now Alan does stenographic work in the Physics department, and Bob does the same in the Geology department. Alan likes to boast that he "skun" his brother when they were in business college. He had the highest record of their graduating class, and Bob ran a dangerous second. Bob was a post-master last summer and turned down a \$150 a month job to come

back to school. Alan likes religion and aviation. Dr. Mann's strong interests tests show that he'll never make a good preacher, and so he has no hopes along that line. Study? Bob does a little, but Alan would rather pass time some other way.

Jerome and Fred Drete, junior and freshman respectively, are two of Kirkwood's representatives to the School of Mines. Jerome, a Civil, is secretary of Alpha Phi Omega, the boy scout fraternity, and is a member of the Religious Forum Committee as a representative of the Christian Scientist church. He likes architecture, and hopes to get a job doing design work after he is graduated. Fred likes Math and wants to be an E. E. He is a tall, deliberate chap who intends to get a lot out of his courses here, and eventually land a job in some sort of communications work. As hobbies he likes to dabble with optical instruments and play ping pong.

Norman and Armin (the Tucker twins, have both been known as able, energetic, friendly fellows, who take part in everything and do it well. Their activities are nearly duplicates. Norman says, "Our interests are the same except where girls are concerned." Both are studying Mining and want jobs in the field rather than in an office. They have jobs lined up with a silver mining concern, and if all goes well they will be working together for the same company. When it comes to sports, Norman is the best two-mile track man in school, and his brother is no snail either. Both are members of the "M" club, and Theta Tau, Norman being secretary of the former and Armin Outer Guard of the latter. They are learning to fly in the C. A. A. and if silver mining doesn't pan out they are seriously thinking of flying as a career.

Carl Kind and his brother Dan (better known as Piddle) are transfers from Central Wesleyan Junior College. Carl is studying E. E. and hopes to learn enough to enable him to help manage his dad's business, which consists of three telephone exchanges and about half of Warrenton, their home town. Dan is a Mechanical and perhaps will hold down that end of his fathers firm. His hobbies are fishing, basketball, and softball. Carl's great weakness is poker, and one of the boys who plays with him claims that he is practically sending Carl through school. Dancing and tennis are also favorite pastimes, and he lettered in basketball at Central Wesleyan. He is in the C. A. A. and likes flying quite a bit.

### Dr. C. V. Mann to Attend SPEE

Dr. C. V. Mann, will leave Friday for Chicago where he will attend a meeting of the Drawing Teacher's Division of the Society for the Promotion of Engineering Education.

Saturday morning he will attend a meeting of the executive committee at the Armour Institute of Technology. This committee will plan for the conference of the whole S. P. E. E. to be held in San Francisco next summer.

### Co-Ed Leapyear Party

In accordance with the custom of this special year, the Co-eds will invite dates to a leap year party to be held Monday, February 19, at the home of Miss Naomi Asher. The program of entertainment will include games, dancing, and refreshments. Each girl will invite her own date.

### LOST!

LOST—A white satin scarf, probably given out by mistake from checkroom during Military Ball. Please return to Military office or to W. M. Thomas of the English Department.

### In The Mood

By "Benny" Johnson

The object of our attention this week is Woody Herman. This unassuming gent leads, in our opinion, the best dance band in the country. He doesn't have all the spiritually beautiful arrangements of Glenn Miller, but Miller has too many arrangements that are impossible to dance to, excepting jitterbugs, who are rapidly disappearing.

Woody opened at the Sherman Hotel in Chicago last week after a record breaking stay at the Famous Door. He has "the band that plays the blues" the byline that introduces them on the air. The band contains several outstanding soloists such as, Woody himself on clarinet and alto sax, Joe Bishop on flegelhorn, a combination trombone and trumpet, Neil Reid on trombone and Saxie Mansfield on saxophone. The drummer, Frank Carlson, is in a class by himself and in our opinion is the best drummer in the business (and that includes Krupa). Frank is the mainstay of the rhythm section. He keeps perfect rhythm and yet introduces little variations so that you don't get that monotonous beat, beat, of which so many drummers are guilty. The vocals are handled by Woody and lovely Carol Kaye in first class fashion. The bands outstanding numbers are "Woodchoppers Ball" and "Blues On Parade" both written by the boys in the band and arranged by Joe Bishop. Their recent recording of "Would You Mind" is an example of what all dance arrangements should be. Woody's band is in about the same position Miller's band was last year, that is rapidly on the rise. Mr. Herman and his band should rank among the first three by the end of the year.

Ramblings: It has been rumored Paul Whiteman may sign Bob Zurke to play piano. Zurke who recently quite Bob Crosby's band to lead one of his own has not met with much success.

In a recent poll, Bon Bon, Jan Saviett's singer, was picked as the year's outstanding male vocalist. Mildred Bailey once again resigned among female warblers, but she was pressed hard by Bonnie Baker.

What won't the publicity men think of next. They are introducing Johnny Messner on the air as Oh Johnny Messner. And at your age Johnny! You should be ashamed.

Have you heard Will Osborne's arrangement of "The Man Who Comes Around?" There is a lot of philosophy contained in this little masterpiece. And while on the subject of new arrangements listen for Glenn Miller playing "Who's Sorry Now." The vocal by Ray Eberlie is especially good and the work of the band as a unit is outstanding.

Johnny "scat" Davis recently drew record crowds at the Chicago Theatre in Chicago while right across the street at the State Lake Theater Anson Weeks was playing to three mice and the theatre manager.

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Pasteurized Milk

### This Scientific World

By Gene Martin

Charles M. Kearns Jr. of the Hamilton Standard Propellers division of United Aircraft corporation has been awarded the 1939 Lawrence Sperry award and \$250 prize of the institute of the Aeronautical Sciences for developing a method of measuring vibration stresses of propellers engines, and other airplane parts during flight. Tiny graphite strips are stuck to the parts to be studied. Wires similar to those used on radio sets vibrations in the different parts of the plane set up fluctuations in an electric current passed through the plate. The electrical variations are recorded by an oscillograph and alio computations of the actual strains on the parts being tested.

Although one might think that the war would increase the supply of human skulls, the opposite is true. Most of the skulls used in schools and by doctors are not home grown but are imported from Europe and the Orient. Even so, however, skulls can still be bought very reasonably. The finest skulls with natural teeth cost only \$32, and good second rate skulls can be bought for \$15.

A new magnet, more powerful than any built before it, has just been completed by General Electric engineers. This new magnet can lift 4,500 times its own weight. The strongest magnet before this one could only lift 1,500 times its own weight. Made of alnic, alloy of aluminum nickel, iron, and cobalt pressed together as a powder and sintered, the new magnet gets its strength from a new arrangement. Alnico itself can only lift 500 times its own weight. This new magnet is expected to replace permanent magnets now used in radios, telephone, and other electrical equipment.

Since 1923, 16 colleges and universities have made R. O. T. C. optional or abolished it altogether.

### Henderson Talks On Glass Business

Mr. Henderson gave an informal talk on his experience in the glass business at the American Ceramic Society Wednesday after the second semester officers were elected.

Will Crockett was elected president to succeed Bill Smothers. Alfred Allen and James Heddell were chosen vice president and secretary-treasurer respectively by acclamation.

As Mr. Henderson stated, before beginning his talk, that he was going to try to cover everything, but not touch on anything important. He delved only slightly on the correct mixture of the few simple ingredients, that go in the making of the common sheet or plate glass. From the discovery of glass up until the beginning of the century all glass had been made primarily by hand, but with the advent of machines in this line of business the advance of glass as a major industry has been tremendous.

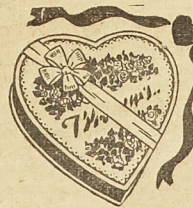
The huge 200 inch mirror now being installed in the Mt. Palomar Observatory and the small lens of the microscope, were examples given as to the great part that glass has played in the advancement of science.

### HOSPITAL NOTES

Over at the hospital the high rate of patients is continuing to flood the house. Again this week the staff is treating between fifty and sixty daily callers. Flu, colds and tonsillitis are responsible for the main part and have caused the following to spend some time at the hospital: Bob Fritze, N. Ga Nun, R. E. Schrader, H. Mansfield, J. W. Karter, F. Welsh, J. W. Shaffer, C. C. Palmer, M. E. Nevins, R. P. Roepke, P. W. Kloeris, and R. R. Brookshire. Also on the list are M. Catonzara with a knee injury and J. Doeris with an ear infection.



### Hollingsworth Candy Is "TOPS"!



### See Our Clever Valentine Packages

Every "Valentine" will enjoy the delicious taste-thrill in every piece of Hollingsworth Candy. We have several special Valentine assortments, all moderately priced. Gifts

are attractively wrapped and sent upon request. For a royal welcome—give her candy from

THE ROLLAMO SODA SHOP





## Conrad and Yates Authors of Article in Chem. Magazine

Dr. F. H. Conrad and W. E. Yates are the co-authors of an article, "Chemical Engineering Design Courses—A Survey", which is in the February issue of the Journal of Chemical Education. This work was presented before the Chemical Engineering Division of the Missouri Section of the Society for the Promotion of Engineering Education, Spring, 1939 and at the Summer School for Chemical Engineering Teachers, Pennsylvania State College, June, 1939.

Knowing the differences of opinion existing as to the place of chemical engineering design in an undergraduate four-year curriculum, a survey, by the questionnaire method, of the chemical engineering courses of approximately forty colleges and of an "ideal" chemical engineering design course as outlined by forty different industrial companies was made by Dr. Conrad and Mr. Yates. This resulted in the conclusion that there is a definite place and need for such a course in a four-year chemical engineering curriculum.

A larger percentage of the industrial concerns than universities believe that a design course should be included in a four-year chemical engineering curriculum. Approximately one third of the colleges replying to the questionnaire had no separate design course and one fifth believe none is advisable. Eighty-nine per cent of the industries replying to the questionnaire believe that such a course should be given.

From the returned questionnaires the conclusion has also been reached that many of the differences of opinion would perhaps disappear if the term "design" as it is now applied to chemical engineering design course would be clarified and a more descriptive title given such a course.

The Missouri School of Mines has scheduled on its chemical engineering curriculum for next year a chemical engineering design course.

## Radio Sound-Effects Men Must Give A Listen, Not a Look, CBS Chief Says

"I knew that was a good idea," said Walter Pierson, sound-effects chief for the Columbia Broadcasting System, "the minute I laid my ears on it."

"No," Mr. Pierson continued in answer to an impertinent question "I'm not being quaint. We sound effects men lay our ears on things not our eyes. We give a listen, not a look. That's more than just a funny lingo. It reveals our way of thinking."

"To be a successful sound-effects man you have to be more than just double-jointed, although that helps. You've got to have a dramatic sense, a feeling for rhythmic effect, and training in sound and radio engineering. You must be a rather special kind of inventor. But more than anything else you have to have the kind of mind that associates things with their sounds more than the way they look."

The dexterity of sound men is something that all visitors to Columbia's studios remember—the way one of the men juggles with assistant gives the impression of running feet and shoots blank cartridges with both hands. People remember also the special machines used to create particular effects—the hinged pegs on a wooden frame that sound like marching men, the broom-straws that crackle like a fire. But, Mr. Pierson points out, this is hardly the most important part of the sound-man's world.

"Let's see how a sound-man gives the listener a picture of a man opening a door, walking down a hallway to a second door, opening that, and entering an office. What does the sound-man start with? A notation in a script. What kind of doors are these? What kind of shoes will the character be wearing? How big is he? Will he be hopeful or angry, depressed or defiant? The way he closes the doors will reveal his mood. Will the sounds have meaning to an audience? Some sounds, like the plop-plop of a swinging door shifting on its hinges are meaningless unless verbally identified, and the sound-man must decide what sounds will paint the author's picture.

"Next the sound-man must de-

cide what equipment must be used to create the effects demanded. Usually, he can find the equipment in Columbia's extensive sound laboratories. But he must be inventor enough to devise apparatus for unusual effects.

"But his most important job is still to come—building, with his sound effects, a three dimensional setting for the dramatic action. This is done by the arrangement of effects. Take our man walking down the hall. Suppose we want to imply that the listener is standing in the office. We start, then, with footsteps off-mike, sounding far away, with the first door also off-mike and dead—reverberations muffled so that they seem to be in a closed space: a hallway. We move the footsteps toward the mike—the second door opens on-mike, and live. If we want the mike to travel with the walker, as though the listener were accompanying him, we have a different problem. But it can be solved by a different arrangement of sounds.

"People always associate sounds with their correlatives in daily life. By a process of conditioning, the sound alone can make the listener visualize the thing with which he associates it. Taking advantage of this psychological fact, radio's sound-men build a visual world of space, solidity, and color, through the auricular sense alone."

have of trying to be dancing teachers on the side.

Last in the group Murphy lists the "get me" girl, the one who wants to show off, to her friends, how devoted her partner is by sending him on numerous errands thus making a servant out of him

From \$40,000 wardrobe to one that cost \$40.00, that's the come-down for Joan Crawford in her in which she co-stars with Clark Gable. As Crystal Allen in "The Women," her gowns and furs cost \$40,000.

Since the recent turn to western and frontier pictures at the studios, Bob Baker, western actor, has done a roaring trade in fancy leather belts and saddles with the wardrobe departments. Bob's sideline, when he isn't working in pictures, is leather tooling.

Biggest dam ever built for the movies was thrown across the Rio Grande River at Buckman, N. M., northwest of Santa Fe, for "The Light That Failed."

Several hundred men worked a month to fling the barrier of timber, stone and earth across the river and it cost \$40,000.

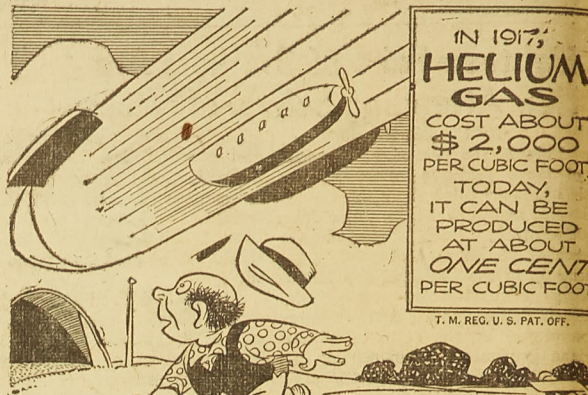
Yet the dam will never be seen on the screen. It was built only to back up enough water to make the narrow Rio Grande look like the broad Nile of Egypt, besides which most of the action of the picture transpires.

Wallace Beery and Leo Carrillo, who scored an outstanding hit together as Pancho Villa and his trusted lieutenant in "Via Villa," will team again in "Twenty-Mule Team," saga of the borax pioneers in Death Valley.

With Beery as one of the drivers of the high wheeled wagons which transported 60,000 pounds of borax across the desert wastes to Mojave, Carrillo will appear as his Indian helper, Piute Pete, the one human being who idolizes him despite his short comings and his shady past. Berry who has just completed work in "The Man

## THIS CURIOUS WORLD

By William Ferguson



IN 1917, HELIUM GAS COST ABOUT \$2,000 PER CUBIC FOOT. TODAY, IT CAN BE PRODUCED AT ABOUT ONE CENT PER CUBIC FOOT.

T. M. REG. U. S. PAT. OFF.

MOTHBALLS ARE A PRODUCT OF COAL TAR



2-13

ANSWER: Not eternal, but infernal triangles.

NEXT: From grain field to biscuits in 30 minutes.

from Dakota," will start the new production on location in Death Valley, within ten days.

Bob Burns has confessed to a secret. He collects magnifying glasses. Bob likes to browse around stores, and every time he goes into a place where they keep glasses he usually buys one or two. His collection now exceeds 150 glasses of varied sizes, shapes and strength, and he invariably

carries one with him, even on occasions when he dons formal dress.

Since the first establishment of baseball as a college sport, some 500 institutions have organized and then discontinued it.

Next month, Harvard University will give a special testimonial banquet for a veteran campus policeman, Charles R. Apted.

WHY WALK? Call for The Student Taxi 10c Per Person — 25c Minimum "Anywhere in town"

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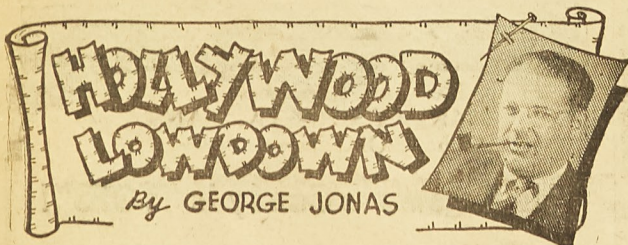
We will have costumes and Tuxedos Also Our new line of MSM Jewelry Make good favors

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The girl who wishes to become a gay blossom that does not bloom by the wall at dances should shun as poison at least ten ballroom feminine faults.

This is the opinion of George Murphy, dancing-actor who appears with Fred Astaire and Eleanor Powell in "The Broadway Melody of 1940."

Murphy lists ten ways for a girl not to be popular on a dance floor.

First, says Murphy, don't snuggle your head coily on your partner's chest, so that, each time he inhales, he gets a wisp of a curl along with fresh air.

Secondly, don't try to lead. If your partner isn't dancing to suit you, just grin and bear it.

Next comes the feminine habit of dishing the dirt with some girl

friend who happens to be dancing alongside.

Fourth, concerns itself with the girls who just will wear big hats, or small hats with feathers which endanger a fellow's eyesight.

Next is the tricky little bit of femininity who isn't happy unless she is screaming requests at the orchestra leader.

The consistent apologist takes the next place of honor in Murphy's list. She's the girl who, if she fails to follow her partner's lead with the result that both of them almost fall flat, insists that it was all her fault.

Don't insist on being the first couple on the floor.

Eighth, "Don't," he says, "keep an eagle eye on the chap who brought you to the dance while he's dancing with someone else."

Ninth, is the habit some girls

Wednesday, Feb. 14, 1940  
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## 'Who's Who' Lists Dr. C. V. Mann

Dr. C. V. Mann of M. S. M.'s drawing department has recently been listed in the Who's Who of America. Although Dr. Mann has been an engineer, author, and lecturer, his most outstanding developments are in the field of engineering education.

Dr. Mann came to the Missouri School of Mines in 1920, and since that time has been very prominent in engineering. In 1925 he was written up in Who's Who in Engineering. His name with a brief write-up is in the current "American Men of Science," and also will appear in "Who's Who in American Education." He served a three year term on the Council of the Society for the Promotion of Engineering Education. At the present time he is Chairman of the Division of Drawing of the S. P. E. E. and will have charge of their June meeting in California.

As resident engineer for the School of Mines, Dr. Mann planned the Experiment Station Building and school garage.

Over 250 books, articles, papers and addresses have been written by Dr. Mann. His latest accomplishment is a 510 page copyrighted preliminary edition of his "History of Missouri School of Mines."

Dr. Mann's research work in the field of engineering aptitude tests has won him national recognition. Engineering Foundation, Inc. of New York City, granted \$2,000 to carry out this work at the School of Mines. In addition to this the W. P. A. has given \$14,060 under sponsorship of the School of Mines, and the F. E. R. A. \$950. This testing projects reaches into colleges and high schools of Missouri. A new W. P. A. grant is being petitioned for at the present time to carry on this work.

## Ye Social Quip-

Al Straub, senior petroleum engineer and soda squirt at a local ice cream emporium, altar-treked with Shirley Hightower some months ago, strictly keeping the vows secret. . . Congratulations. . . Peter Simmonds, Canadian fellowship student here, has scribbled a new yarn that will be hitting the bookstores shortly. It's "The Case of Constable Shields," and concerns his days with the Northwest Mounties. . . Don Johnston has done a transferring act to Columbia where he is just one of the MU 5000. . . Something to think about: Ilona Massey in "Balaklava". . . Recommended listening: Bob Hope at nine o'clock on Tuesday eves. . . Forty or more Miners have been blessed with the name of William. Count them. . . Attention, Dies committee: Some unAmerican soil has been heiling Hitler about the MSM campus, writing the Chancellor's praises in the snow and on buildings. . . More names: three Miners tie for the longest name title: they are J. J. Swartzstrauber, Robert Schoenthaler, and M. A. Scharafinski. . . The shortest name in the student directory is that of Kenneth (Nellie) Bly. . . Clayton Dorn took five days off last week to see GWTW in St. Louis.

**J. M. PIRTLE**  
Watchmaker & Jeweler  
Serving the Miners  
Since 1907

## St. Pat's Day May Suffer Fate of Thanksgiving Day

By Robert M. Yoder

Another holiday may get moved around this year.

Last year it was Thanksgiving. This year it's St. Patrick's Day.

The difficulty is that March 17 celebrated in the good saint's memory, falls this year on Palm Sunday, a day of solemn religious significance. It raises a bar to the customary merrymaking.

So far, the Ancient Order of Hibernians plans to observe the usual date, March 17, with a quiet party that night. On the other hand, the Irish American National Alliance will hold its St. Patrick celebration the night before—Saturday night, March 16.

But both may be changed. There is some possibility, according to Daniel McGrath, Irish consul in Chicago, that the government of Eire will set another date entirely.

Just how long it's been since St. Patrick's Day fell on Palm Sunday—if ever it did—no one seemed to know today.

There is an old prophecy, usually attributed to St. Columbkille, which gives the event an overtone of mystery and something of an appointment with destiny. The prophecy as commonly recited is that "when the palm meets the shamrock, Ireland shall be free." A prediction some 1,400 years old it is already true in at least a measure, through Ireland's recent steps toward independence.

Late dispatches from the East said that some Irish-American leaders have suggested celebrating April 3 this year. Joseph E. Keringan, national president of the Hibernians, has not made an official ruling for his group, although he said inquiries have been received from all sections of the nation.

## Famous Painter of Picture in Parker Hall Is Dead

Jonas Lie, world-famous artist passed away recently. The Missouri School of Mines possesses one of Mr. Lie's paintings. The painting hangs above the steps in Parker Hall. It is a canvas of part of the Utah Copper Company's mine. The painting, given to the Missouri School of Mines in 1928 by Daniel C. Jackling, cost \$20,000 and is one of a series of ten which show various operations of the Utah Copper Company. Its present worth is about \$10,000.

Mr. Lie is listed in "Who's Who in America" and the National Cyclopaedia. He was born in Norway in 1880 and came to America in 1893. He was graduated from the Ethical Culture School in New York in 1897. Since that time he has grown steadily in popularity, and he now has paintings in more than 35 widely known museums all over the world. Among these are the Luxembourg Museum in Paris, the Concoran Gallery in Washington D. C., and the Metropolitan Museum of Art. Mr. Lie has won over 17 prizes against international competition. He was awarded a Dr. of Fine Arts from Lawrence College in 1936.

His most famous group of paintings is the group portraying the construction of the Panama Canal in several stages of development. Ten of the group of twelve paintings were purchased by a collector for about \$50,000 and were given to the United States Military Academy at West Point as a memorial to George W. Goethals, the engineer.

## A Day Through the Paces, Or This Way, Please

By Dan Bayless

We had been forewarned, there is no mistaking that. The bulletin board was the first to take up the hue and cry. Three full pages—neatly typewritten and mincing no words—gave out on how to go about registering. Then the Miner spoke up and by the time Monday morning rolled around we had read so many rules on how to register that we felt sure the whole thing could go off without serious complications.

Monday dawned blue and cold as do all Mondays. Inching along on the ice at 7:30 was a safeguard, we thought, in getting an early place in the class card line. As the entrance was gained our hopes were blasted, for two lines—one for the freshmen and one for the upperclassmen—ended at the bottom of the first floor and wound around two flights of stairs to the east door of the basketball court, where the fate of 800 students was being tampered with.

### The Goal Is Reached

For two hours we stood, first on one foot and then the other, first on one step and then the other, until our line reached the east door of the gym, where we were rewarded with our class cards and a blanket form to fill out. (Shades of last September.)

The floor of the court was littered with tables at which sat students striking "thinker" poses, battling with their few electives. Seats were at a premium, almost Rosebowl like in their scarcity. In the north end of the room, Jack Witt, fresh from his triumph in "Petticoat Fever", was putting up numbers with a long stick on a board resembling the type used on Wall Street. The purpose was to inform the professors as to how many students they had in each class.

We resorted to filling out our cards on the bleachers. Those blanket forms gave us a turn—on first sight we thought we really had something. They looked much smaller than those of last September. But someone had been using some of Prof. Lloyd's psychology. The class cards had come into a size of their own, and were in no way attached to the blanket form as before. There was as much as ever to fill out.

With a flourish we signed our name for the last time, and strolled over to the card checkers at the West door. They deliberated over ours awhile, and sent us off to Parker Hall. Little did we realize what was ahead.

### People Everywhere

The corridors of dear old Parker were lined with lines of students. Someone shoved us into one and we were off, only to find that we were in the wrong line as it neared its destination. Then we were in the never ending extension line, which more or less proves that the installment plan is here to stay. After standing for two hours in this line, we reached the business office. The School of Mines whistle shrieked, a man said, "come back at one o'clock" and the door was slammed in our face.

At one o'clock we could be found again in Parker Hall, back at the end of the line where we had started with good intentions somewhat earlier in the day. We should have brought our lunch, we realized, after it was too late.

Another two hours passed, and again we reached the business office. Our extension was arranged. Then came the fee-paying line. For some reason, it didn't have so many customers as the others. We did see a boy from the East

waving a century note around however. The large clock in the hall convinced us that it was four o'clock, so we nibbled on a sandwich which had hastily been prepared that noon, and took out our electric razor to banish that five o'clock shadow at four.

### Another Line

The activity ticket line was long enough to hang a good sized family washing on. Two hours were spent, standing on first on foot and then the other, talking to Marie, and looking to see whether we still had the ten cents sales tax. Powell Dennie and John Rayl raked in the dimes and issued the new activity ticket-identification cards in return.

At six o'clock, as broken old men, we prepared to leave. There was still plenty of activity going on. The employees of the business office were dividing the day's loot. This little happening turned out to be a brawl, we found out later. We never did find out who got the most money, but a last glance told us that Emily McCaw was holding her own.

### Au Revoir and Goodbye

As a sideshow, some local fraternity was sponsoring a finger printing. We were going to have our prints made, but decided not to. If this education doesn't turn out like we had planned, we might have to turn to criminal pursuits.

use TUCKER'S

Pasteurized Milk

## Initiation Held By Kappa Sigma

The Beta-Chi Chapter of Kappa Sigma Fraternity held formal initiation for eight of its pledges last Saturday, February 4. These eight new members plus the other eighteen actives brings the membership up to twenty-six actives.

Following the initiation the fraternity held a banquet at the Pierce Pennant Hotel. Among the guests at the banquet were Carl VonWehrden, a former Grand Master, and Johns Hubbard, an alumnus of the chapter. After the meal each of the new initiates and graduating seniors were asked to say a few words, and then a group of the fraternity's songs were sung.

The boys initiated were: Joe Lessman of Ramond, Ill. Edward Keller of Buffalo, New York; Clyde Krummel of Carthage, Mo.; Victor Zoller of Tulsa, Okla.; Dick Brackett of Rochester, Ind.; Neil Stueck, Arthur Petersor, and Fred Fleschner of St. Louis, Mo.

The New York legislature is considering a bill that would make all of the state's normal colleges four year teachers colleges.

At Texas Lutheran College, 50 per cent of the student body members are relatives of former students of the college.

In honor of the school's famous athletes, an Ohio State University student group is planting trees bearing commemorative plaques.

as a means of livelihood.

Yes, we had been warned; our father had said that there would be days like this.

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## Innocent Bystander

by JIM JENSEN

Prof. Lloyd caught and expressed the spirit and zeal of the students and faculty alike when he wrote, in his chapter on the history of the school:

"The School of Mines faces the future with a courage born of its past achievements. It stands ready with an adequate staff, and courses of study adjusted to the needs of the times, to continue to do its share in making the nation a more comfortable, a more interesting, and a more pleasant place in which to live."

We gripe about the hard work, the heavy schedules, and a dozen other things, but if you ask any of us what we actually think of our school, you'll find that we're going to really get out and show the world that she's the best Alma Mater of them all. We'll stand behind Prof. Lloyd's statement 100 per cent.

Of course, it could be that our energies are all misdirected. At least, so the native sorcerer (not Confucious) in Gene Fowler's book, "Illusion in Jeve" believes. This wise old bird says to a younger son, "Stay away from the white man. The white man builds a great house with walls and roof to keep out the light and weather. Then he knocks holes in the walls to let in the weather and light again. Next, he puts a thing called glass in the holes to keep the weather out, but to let the light in. Then he runs inside like a thunder-scared ape and hangs curtains to keep out the light."

### Thompson Talks on Motor Controllers

Mr. Ernest Thompson, of the Bradley Controller Company, gave a talk on D. C. and A. C. motor controllers at the A. I. E. E. meeting Wednesday, February 7. After giving a history of the development of motor control devices and starting relays he demonstrated a new contractor which was designed by Bradley and company.

Up till now it has been impracticable to use A. C. machinery in such places as steel mills where a constant speed, steady torque motor is required. With modern controllers however, it is possible to use A. C. and D. C. motors almost interchangeably as far as power is concerned. Mr. Thompson explained how the firm which he represented adapted the A. C. motor to hoisting work by means of a self adjusting apparatus, which always keeps the motor developing a maximum torque. Heretofore, only D. C. motors were used on hoists because the torque of an A. C. setup varies with speed. The speaker also showed a set of slides on commercial motor controller installations, and of a few jobs already installed in steel mills.

The daughter of one of our most prominent and finest citizens attends a neastern finishing school. She was honored with the appointment of cheer leader for all the school events. As cheer leader she was required to dress in slacks, "pep pants" they are called there. The daughter wrote to her daddy and asked him to forward ten dollars for a pair of "pep pants." The father responded. In the note accompanying, he wrote: "Enclosed find ten dollars for your 'pep pants'. Also a second ten dollars; buy your mother a pair." —Milwaukee Athletic Club Magazine.

The white man is crazy. . . Shun his great stinking villages if you would have peace."

It did us good to see the Miner heralding victories for the swim and rifle teams last week. We can stand a lot of such news.

We salute the Detonators for their excellent performances this year. Their drill at the Military Ball added distinction to the affair. We couldn't help notice the change that has taken place since their similar performance last year. At that time they were a hesitant and struggling group without a background. This year they are organized, confident, and capable, and give a spectacular show that is becoming famous outside of Rolla. They'll bear watching in the coming years.

### 1,000 Students In Cooperative At Texas School

COLLEGE STATION, TEXAS—(ACP) — Twelve young men happened upon a "haunted" house and a friend and the result is that 1,000 young men are attending college here on 82 cents a day. Everything is included—even tuition and clothing.

The 1,000 students attend Agricultural and Mechanical College of Texas and are members of a student co-operative housing project, largest organization of its kind in the U. S.

This housing project was begun during the depression years when many boys were not able to finance their educations either by themselves or with their parent's aid.

Today, the room and board of the average student of Texas A. and M. school costs him \$29.75 a month, or about one dollar a day.

Twelve youths and Daniel Russell, professor of rural sociology, had been working on the student's financial problems. They found their answer in a haunted house, a large two-story building near the college's experiment farm. It was a dilapidated and isolated place, but the rent was very low.

The house was furnished with articles from the boys' own homes. They engaged no paid help, except the house mother who is given a salary by the boys. They do all such work as cleaning rooms, setting table, and washing dishes themselves.

The number of houses increased. By 1936, 700 men were living under this plan, and every available house near the school had been rented. The Rotary club became interested and built a house for its own sons and friends to accommodate 20 students.

Six years ago 250 boys were not permitted to attend the school because of insufficient funds. Today, 1,000 with no more money than the 250 had are enrolled.

Mary took a sleigh ride  
The sleigh turned upside down  
Can't you hear poor Mary singing  
Massa's in the cold, cold ground.  
—Filter Paper.

University of Wisconsin men have organized an interpretative dance class.



ANN MILLER, star of stage and screen, now appearing in George White's Scandals, is definitely the outstanding dance discovery of our time . . . and a discovery more and more smokers are making every day is that CHESTERFIELDS are COOLER, BETTER-TASTING and DEFINITELY Milder.

Chesterfields  
are  
**Definitely Milder**

**AND BETTER-TASTING**

You'll always find these two qualities at their best, plus a far cooler smoke, in Chesterfield's Right Combination of the world's best cigarette tobaccos.

Make your next pack Chesterfield and see for yourself why one smoker tells another, They Satisfy. You can't buy a better cigarette.



MAKE YOUR  
NEXT PACK

**Chesterfield**

The Cooler, Better-Tasting, DEFINITELY Milder Cigarette

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